

VUTX.EX1164 - Pressure-reducing and -Restricting Devices

Pressure-reducing and -Restricting Devices

ELKHART BRASS MFG CO INC
 1302 W BEARDSLEY AVE
 ELKHART, IN 46514 United States

EX1164

Reducing valves

| Model | Valve Type | Body Type | NPS | Bonnet Type* | End Configuration Inlet by Outlet | Max Rated Inlet Pressure, psig | Supervisory Switch+ |
|-------|----------------------------|-----------|-------|----------------|-----------------------------------|--------------------------------|---------------------|
| UR-20 | Reducing w/shutoff feature | Angle | 1-1/2 | W, X, Y, YZ, Z | Female NPT by Female NPT | 300 | — |
| | | | | ZA | | 280 | — |
| | | | | ZB | | 250 | — |
| | | | | ZZ | | 220 | — |
| | | | | ZZA | | 190 | — |
| UR-20 | Reducing w/shutoff feature | Angle | 2-1/2 | A, B, C, CD | Female NPT by Female NPT | 400 | — |
| | | | | D | | 360 | — |
| | | | | DE | | 330 | — |
| | | | | E | | 290 | — |
| | | | | EF | | 250 | — |
| | | | | F | | 220 | — |
| UR-25 | Reducing w/shutoff feature | Angle | 1-1/2 | W, X, Y, YZ, Z | Female NPT by Male NHT | 300 | — |
| | | | | ZA | | | — |
| | | | | ZB | | | — |
| | | | | ZZ | | | — |

| | | | | | | | |
|----------|---|-------------------|-------|--|--------------------------|-----|---|
| | | | | ZZA | | | — |
| UR-25 | Reducing w/shutoff feature | Angle | 2-1/2 | A, B, C, CD | Female NPT by Male NHT | 400 | — |
| | | | | D | | 360 | — |
| | | | | DE | | 330 | — |
| | | | | E | | 290 | — |
| | | | | EF | | 250 | — |
| | | | | F | | 220 | — |
| UR-20S | Reducing w/shutoff feature | Straightway Globe | 2-1/2 | A, B, C, CD | Female NPT by Female NPT | 400 | — |
| | | | | D | | 360 | — |
| | | | | DE | | 330 | — |
| | | | | E | | 290 | — |
| | | | | EF | | 250 | — |
| | | | | F | | 220 | — |
| URFA-20 | Adjustable Reducing w/shut-off and pressure reducing features | Angle | 2-1/2 | Single bonnet type with adjustable spring settings A, B, C, D, E | Female NPT by Female NPT | 400 | I |
| URFA-25 | Adjustable Reducing w/shut-off and pressure reducing features | Angle | 2-1/2 | Single bonnet type with adjustable spring settings A, B, C, D, E | Female NPT by Male NHT | 400 | I |
| URFA-20S | Adjustable Reducing w/shut-off and pressure reducing features | Straightway Globe | 2-1/2 | Single bonnet type with adjustable spring settings A, B, C, D, E | Female NPT by Female NPT | 400 | I |

| | | | | | | | |
|------|--------------------------|-------|-------|---|---------------------------|-----|---|
| UP30 | Restricting - Adjustable | Angle | 1-1/2 | — | Female X Male Female X | 175 | — |
|------|--------------------------|-------|-------|---|---------------------------|-----|---|

| | | | | | | | |
|-------|--------------------------|-------|-----------|-----|-------------------------------------|-----|---|
| | | | | | Female | | |
| UP35 | Restricting - Adjustable | Angle | 2- 1/2 | — | Female X Male Female X Female | 175 | — |
| UR-30 | Pressure Reducing | Angle | 1- 1/2 | XN | Female NPT X Female NPT | 300 | I |
| UR-30 | Pressure Reducing | Angle | 1- 1/2 | ZN | Female NPT X Female NPT | 300 | I |
| UR-30 | Pressure Reducing | Angle | 1- 1/2 | ZBN | Female NPT X Female NPT | 250 | I |
| UR-30 | Pressure Reducing | Angle | 1- 1/2 | ZZN | Female NPT X Female NPT | 220 | I |
| UR-35 | Pressure Reducing | Angle | 1- 1/2 | XN | Female NPT x Male NH | 300 | - |
| UR-35 | Pressure Reducing | Angle | 1- 1/2 | ZN | Female NPT x Male NH | 300 | - |
| UR-35 | Pressure Reducing | Angle | 1- 1/2 | ZBN | Female NPT x Male NH | 250 | - |
| UR-35 | Pressure Reducing | Angle | 1- 1/2 | ZZN | Female NPT x Male NH | 220 | - |
| UR-30 | Pressure Reducing | Angle | 2- 1/2 | DEN | Female NPT X Female NPT | 300 | I |
| UR-30 | Pressure Reducing | Angle | 2- 1/2 | EN | Female NPT X Female NPT | 260 | I |
| UR-30 | Pressure Reducing | Angle | 2- 1/2 | EFN | Female NPT X Female NPT | 240 | I |
| UR-30 | Pressure Reducing | Angle | 2- 1/2 | FN | Female NPT X Female NPT | 220 | I |
| UR-35 | Pressure Reducing | Angle | 2- 1/2 | DEN | Female NPT x Male NH | 300 | - |
| UR-35 | Pressure Reducing | Angle | 2- 1/2 | EN | Female NPT x Male NH | 260 | - |
| UR-35 | Pressure Reducing | Angle | 2- 1/2 | EFN | Female NPT x Male NH | 240 | - |
| UR-35 | Pressure Reducing | Angle | 2- 1/2 | FN | Female NPT x Male NH | 220 | - |

Model Series UR and URFA valves are intended for use on automatic sprinkler systems to reduce the water supply pressure to a pressure at which sprinklers are designed to operate. Also for use as a combination checking device and pressure reducing valve. The 2-1/2 NPS valve is suitable for use as an indicating type valve.

Models URFA-20, URFA-20S, and UR-30 are available with an internal supervisory switch suitable for indoor use.

Restricting valves

Max


| Model | Valve Type | Body Type | NPS | Bonnet Type* | End Configuration Inlet by Outlet | Rated Inlet Pressure, psig | Supervisory Switch+ |
|-------|--|-----------|-------|--------------|-----------------------------------|----------------------------|---------------------|
| UP-20 | Combination hose valve pressure restrictor | Angle | 1-1/2 | — | Female NPT by Female NPT | 175 | — |
| UP-25 | Combination hose valve pressure restrictor | Angle | 1-1/2 | — | Female NPT by Male NHT | 175 | — |
| UP-20 | Combination hose valve pressure restrictor | Angle | 2-1/2 | — | Female NPT by Female NPT | 175 | — |
| UP-25 | Combination hose valve pressure restrictor | Angle | 2-1/2 | — | Female NPT by Male NHT | 175 | — |
| 34 | Bronze restricting | | 2-1/2 | — | Female NPT by Male NHT | 175 | — |

* Different bonnet configurations are selected based upon inlet pressure conditions and desired outlet pressure.

+ I = Indoor installation; O = Outdoor installation; - = Not available

NPT - National Pipe Thread

NHT - National Hose Thread

Trademark and/or Tradename: 

Last Updated on 2022-06-29

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